80. (NEW) An isolated and purified polypeptide comprising a contiguous span of at least 6 amino acids of SEQ ID NO:5, wherein said contiguous span comprises an amino acid selected from the group consisting of:

a) an asparagine at an amino acid position corresponding to position 1694 of SEQ ID NO:5;

b) a valine at an amino acid position corresponding to position 1854 of SEQ ID NO:5;

c) an asparagine at an amino acid position corresponding to position 1967 of SEQ ID NO:5;

d) a glutamic acid at an amino acid position corresponding to position 2017 of SEQ ID NO:5; and

e) an alanine at an amino acid position corresponding to position 2050 of SEQ ID NO:5.

81. (NEW) The polypeptide of claim 80, wherein said contiguous span comprises an asparagine at an amino acid position corresponding to position 1694 of SEQ ID NO:5.

82. (NEW) The polypeptide of claim 80, wherein said contiguous span comprises a valine at an amino acid position corresponding to position 1854 of SEQ ID NO:5.

83. (NEW) The polypeptide of claim 80, wherein said contiguous span comprises an asparagine at an amino acid position corresponding to position 1967 of SEQ ID NO:5.

84. (NEW) The polypeptide of claim 80, wherein said contiguous span comprises a glutamic acid at an amino acid position corresponding to position 2017 of SEQ ID NO:5.

85. (NEW) The polypeptide of claim 80, wherein said contiguous span comprises an alanine at an amino acid position corresponding to position SEQ ID NO:5.

86. (NEW) A composition comprising an isolated and purified polypeptide, wherein said polypeptide has an amino acid sequence comprising at least 10 contiguous amino acids of SEQ ID NO:5 spanning position(s) selected from the group consisting of:

a) 1 to 200;

b) 201 to 400;

c) 401 to 600;

d) 601 to 800;

e) 801 to 1000;

f) 1001 to 1200;

g) 1201 to 1400;

h) 1401 to 1629;

i) 1694, wherein the amino acid at position 1694 of SEQ ID NO:5 is an asparagine;

j) 1854, wherein the amino acid at position 1854 of SEQ ID NO:5 is a valine;

k) 1967, wherein the amino acid at position 1967 of SEQ ID NO:5 is an asparagine;

l) 2017, wherein the amino acid at position 2017 of SEQ ID NO:5 is a glutamic acid; and

m) 2050, wherein the amino acid at position 2050 of SEQ ID NO:5 is an alanine.

87. (NEW) The composition of claim 86, wherein said position(s) are 1 to 200.

88. (NEW) The composition of claim 86, wherein said position(s) are 201 to 400.

89. (NEW) The composition of claim 86, wherein said position(s) are 401 to 600.

90. (NEW) The composition of claim 86, wherein said position(s) are 601 to 800.

91. (NEW) The composition of claim 86, wherein said position(s) are 801 to 1000.

92. (NEW) The composition of claim 86, wherein said position(s) are 1001 to 1200.

93. (NEW) The composition of claim 86, wherein said position(s) are 1201 to 1400.

94. (NEW) The composition of claim 86, wherein said position(s) are 1401 to 1629.

95. (NEW) The composition of claim 86, wherein said position(s) is 1694.

96. (NEW) The composition of claim 86, wherein said position(s) is 1854.

97. (NEW) The composition of claim 86, wherein said position(s) is 1967.

98. (NEW) The composition of claim 86, wherein said position(s) is 2017

99. (NEW) The composition of claim 86, wherein said position(s) is 2050.

100. (NEW) The composition of claim 86, wherein said polypeptide is at least 20 amino acids in length.

101. (NEW) The composition of claim 86, wherein said polypeptide is at least 50 amino acids in length.

102. (NEW) The composition of claim 86, wherein said polypeptide is at least 100 amino acids in length.

103. (NEW) The polypeptide of claim 79, wherein said polypeptide is recombinant.

104. (NEW) The polypeptide of claim 86, wherein said polypeptide is recombinant.

105. (NEW) The composition of claim 86, further comprising a physiologically acceptable carrier.

106. (NEW) A method of making the polypeptide of claim 79 comprising the steps of:

a) obtaining a cell that expresses said polypeptide;

b) growing said cell under conditions suitable to produce said polypeptide; and

c) isolating and purifying said polypeptide produced by said cell.

107. (NEW) The method of claim 106, wherein said cell is prokaryotic.

108. (NEW) The method of claim 106, wherein said cell is eukaryotic.

109. (NEW) A method of making the polypeptide of claim 86 comprising the steps of:

a) obtaining a cell that expresses said polypeptide;

b) growing said cell under conditions suitable to produce said polypeptide; and isolating and purifying said polypeptide produced by said cell.

110. (NEW) The method of claim 109, wherein said cell is prokaryotic.

111. (NEW) The method of claim 109, wherein said cell is eukaryotic.

112. (NEW) An isolated or purified antibody that selectively binds to an epitope-containing fragment of the polypeptide of claim 79, wherein said epitope comprises at least one amino acid corresponding to an amino acid shown at position 1 to 1629 of SEQ ID NO:5.

113. (NEW) The antibody of claim 112, wherein said epitope comprises at least one amino acid corresponding to an amino acid shown at position 1 to 200 of SEQ ID NO:5.

114. (NEW) The antibody of claim 112, wherein said epitope comprises at least one amino acid corresponding to an amino acid shown at position 201 to 400 of SEQ ID NO:5.

115. (NEW) The antibody of claim 112, wherein said epitope comprises at least one amino acid corresponding to an amino acid shown at position 401 to 600 of SEQ ID NO:5.

116. (NEW) The antibody of claim 112, wherein said epitope comprises at least one amino acid corresponding to an amino acid shown at position 601 to 800 of SEQ ID NO:5.

117. (NEW) The antibody of claim 112, wherein said epitope comprises at least one amino acid corresponding to an amino acid shown at position 801 to 1000 of SEQ ID NO:5.

118. (NEW) The antibody of claim 112, wherein said epitope comprises at least one amino acid corresponding to an amino acid shown at position 1001 to 1200 of SEQ ID NO:5.

119. (NEW) The antibody of claim 112, wherein said epitope comprises at least one amino acid corresponding to an amino acid shown at position 1201 to 1400 of SEQ ID NO:5.

120. (NEW) The antibody of claim 112, wherein said epitope comprises at least one amino acid corresponding to an amino acid shown at position 1401 to 1629 of SEQ ID NO:5.

121. (NEW) An isolated or purified antibody that selectively binds to an epitope-containing fragment of the polypeptide of claim 80, wherein said epitope comprises an amino acid selected from the group consisting of:

a) an asparagine at an amino acid position corresponding to position 1694 of SEQ ID NO:5;

b) a valine at an amino acid position corresponding to position 1854 of SEQ ID NO:5;

c) an asparagine at an amino acid position corresponding to position 1967 of SEQ ID NO:5;

d) a glutamic acid at an amino acid position corresponding to position 2017 of SEQ ID NO:5; and

e) an alanine at an amino acid position corresponding to position 2050 of SEQ ID NO:5.

122. (NEW) The antibody of claim 121, wherein said epitope comprises an asparagine at an amino acid position corresponding to position 1694 of SEQ ID NO:5.

123. (NEW) The antibody of claim 121, wherein said epitope comprises comprises a valine at an amino acid position corresponding to position 1854 of SEQ ID NO:5.

124. (NEW) The antibody of claim 121, wherein said epitope comprises an aparagine at an amino acid position corresponding to position 1967 of SEQ ID NO:5.

125. (NEW) The antibody of claim 121, wherein said epitope comprises a glutamic acid at an amino acid position corresponding to position 2017 of SEQ ID NO:5.

126. (NEW) The antibody of claim 121, wherein said epitope comprises an alanine at an amino acid position corresponding to position SEQ ID NO:5.